**Celsius® Logistic Accessories**

**Transfer Carts**
The Celsius® System Transfer Carts are designed to minimize the operator efforts when transferring Celsius®-Pak from and to the Freeze-Thaw Modules. The Transfer Carts have a docking system that perfectly aligns with the bays in the Freeze-Thaw Modules allowing the Celsius®-Pak to easily slide in or out the modules with minimum effort and complete safety for both operator and product. The Transfer Carts are available in two sizes: TC33 with a maximum carrying capacity of 33 L and TC100 with a maximum carrying capacity of 100 L.

**Celsius® SSM**
The Celsius® Shippable Storage Module (SSM) allows storage of up to 100 L of product in frozen Celsius®-Paks. The Celsius® SSM is mounted on a Celsius® SSM trolley that permits the easy rolling of the module into freezers while allowing removing the SSM for storage. The Celsius® SSM Trolley can also be docked with the Freeze-Thaw module or Transfer Cart for easy transfer of frozen Celsius®-Paks.

**SSM Trolley**
The SSM Trolley facilitates the transportation of the Celsius® SSM, ensuring ease of use and minimal operator effort.

**Filling Station**
The FS16 Filling Station optimizes the logistics of filling and pressurization of the Celsius®-Paks. The elevated mounting platform includes a docking system that allows the perfect aligning of the transfer carts to ensure the easy sliding of the Celsius®-Paks with no efforts for the operator and no risks for the contents. The Filling Station reproduces the placement and pressure of the Freeze-Thaw Modules plates over the Celsius®-Paks optimizing the container shape when filling and pressurizing. The Scale Terminal Controller allows automatic filling process with minimal operator intervention.

**Filling Station Insert**
The Filling Station Insert allows using the FS16 to fill and pressurize Celsius®-Pak 1L and 2L.

**Celsius® SSM shipper**
The Celsius® SSM can be shipped to remote locations by using the Celsius® SSM Shipper. The shipper provides adequate insulation and refrigeration to maintain all Celsius®-Paks in a maximally or minimally loaded SSM below -30°C for at least 72h during ISTA 7D summer or winter temperature profiles.

**The Celsius® Shipper** allows shipment of individual Celsius®-Pak to remote locations. The shipper provides adequate insulation and refrigeration to maintain the Celsius®-Pak below -30°C for at least 72h.

**Celsius®-Pak Carrier**
The Celsius®-Pak Carrier allows processing the Celsius®-Pak 1L or 2L in the Celsius® FT16 and FT100 modules. The Celsius®-Pak Carrier can receive up to 8 Celsius®-Paks 1L or 4 Celsius®-Pak 2L or a mix of both.
### Transfer Carts

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>TC33</th>
<th>TC100</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTH-TC00033-0001</td>
<td>TC33 – Transfer Cart 33 L</td>
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<tr>
<td>FTH-TC00033-0002</td>
<td>TC100 – Transfer Cart 100 L</td>
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<tr>
<td>FTH-FS00016-0001</td>
<td>FS16 – Filling Fixture</td>
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<td></td>
</tr>
<tr>
<td>FTH-SM00101-0024</td>
<td>Shippable Storage Module</td>
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<tr>
<td>FTH-SM00101-0028</td>
<td>SSM Shipper</td>
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<tr>
<td>FTH-SM00101-0020</td>
<td>SSM Trolley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTH-SM00101-0027</td>
<td>SSM Insulated Cover</td>
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<tr>
<td>FTH-SM00102-0002</td>
<td>Celsius® Shipper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FTH-CF00004-0020</td>
<td>Celsius®-Pak 1L and 2L Carrier</td>
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<td></td>
</tr>
<tr>
<td>FTH-CF00004-0050</td>
<td>Filling Station Insert for 1L and 2L Celsius®-Pak</td>
<td></td>
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</tr>
</tbody>
</table>

#### Materials
- TC33: Type AISI 304 Stainless Steel (Polished)
- TC100: Type AISI 304 Stainless Steel (Polished)

#### Dimensions
- TC33: 30” x 35.5” x 54.5” (76 x 90 x 139 cm)
- TC100: 37” x 54” x 55” (94 x 137 x 139 cm)

#### Weight
- TC33: 111 lbs (50.4 Kg)
- TC100: 323 lbs (146.5 kg)

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### Filling Station

<table>
<thead>
<tr>
<th>Part Number</th>
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</tr>
</thead>
<tbody>
<tr>
<td>FTH-FS00016-0001</td>
<td>FS16 – Filling Fixture</td>
</tr>
</tbody>
</table>

#### Materials
- Type AISI 304 Stainless Steel (Polished)

#### Dimensions
- 20” x 23” x 53” (50 x 58 x 134 cm)

#### Weight
- 250 lbs (114 kg)

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### Shippable Storage Module

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FTH-SM00101-0024</td>
<td>Shippable Storage Module</td>
</tr>
</tbody>
</table>

#### Materials
- HDPE pallet and dunnage, XLPE foam, stainless steel hardware

#### Dimensions
- (collapsed): 80” x 120” x 62” (203 x 305 x 158 cm)
- (assembled): 32” x 47” x 25” (81 x 119 x 64 cm)

#### Weight
- 155 lbs (70 kg) empty, 462 lbs (210 kg) loaded

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### Celsius® SSM Shipper

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>FTH-SM00101-0028</td>
<td>SSM Shipper</td>
</tr>
</tbody>
</table>

#### Materials
- Aluminum pallet base, LLDPE exterior, fiberglass interior, polyurethane insulation

#### Dimensions
- 48” x 61” x 70” (122 x 155 x 178 cm)

#### Weight
- 550 lbs (250 kg) empty, 1,619 lbs (735 kg) loaded

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### Celsius® Shipper

<table>
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<th>Part Number</th>
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<tbody>
<tr>
<td>FTH-SM00101-0027</td>
<td>SSM Insulated Cover</td>
</tr>
</tbody>
</table>

#### Materials
- Corrugated plastic exterior, HDPE-lined polyurethane foam insulation, polyethylene and polyurethane foam

#### Dimensions
- 33” x 57” x 26” (84 x 144 x 65 cm)

#### Weight
- 44 lbs (20 kg) empty, 180 lbs (82 kg) loaded

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### Process Cycle

![Process Cycle Diagram](image-url)